

## Recombinant Human EPHA7 Protein

Catalog #	Source	Reactivity	Applications
CRP1490	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human EPHA7 Protein is produced by our Mammalian expression system and the target gene encoding Gln28-Ile556 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 $\mu$ M filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
<b>Gene Symbol</b>	EPHA7
<b>Alternative Names</b>	EHK3; HEK11; Ephrin type-A receptor 7; EPH homology kinase 3; EHK-3; EPH-like kinase 11; EK11; hEK11
<b>Entrez Gene</b>	2045 (Human)
<b>SwissProt</b>	Q15375 (Human)
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Chemical Structure</b>	QAAKEVLLLD SKAQQTELEW ISSPPNGWEE ISGLDENYTP IRTYQVCQVM EPNQNNWLRT NWISKGNAQR IFVELKFTLR DCNSLPGVLG TCKETFNLYY YETDYDTGRN IRENLYVKID TIAADESFTQ GDLGERKMKL NTEVREIGPL SKKGFYLAQ DVGACIALVS VKVYYKCCWS IENLAIFPD TVTGSEFSSL VEVGTCVSS AEEEAENAPR MHCSAEGEWL VPIGKCICKA GYQQKGDTC PCGRGFYKSS SQDLQCSRCP THSFSDKEGS SRCECEDGYY RAPSDPPYVA CTRPPSAPQN LIFNINQTTV SLEWSPPADN GGRNDVTYRI LCKRCSWEQG ECVPCGSNIG YMPQQTGLED NYVTVMDDLLA HANYTFEVEA VNGVSDLSRS QRLFAAVSIT TGQAAPSQVS GVMKERVLR SVELSWQEPE HPNGVITEYE IKYYEKDQRE RTYSTVKTKS TSASINNLKP GTVYVFQIRA FTAAGYGNYS PRLDVATLEE ATGKMFEEATA VSSEQNPVIV DHHHHHH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
<b>Application key:</b>	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
<b>Species reactivity key:</b>	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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